

## ABSTRACT OF THE DISCLOSURE

Signal reflection mitigation in fiber-optic networks. Signal reflections are mitigated using near-end echo cancellation, threshold adjustment and/or error correction code. Signal reflections in a receive signal that are caused by near-end connectors may be mitigated using an echo cancellation signal. Signal reflections caused by other discontinuities on a fiber-optic network may be mitigated by using error correction code. Also, an average value of a reflected signal maybe detected and used to set an adjusted threshold value to interpret logical values of an electronic or optical signal.

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